

ABSTRACT

The Data Wedge provides the ability to abstract interface method calls based upon functionality between components. This abstraction reduces, if not eliminates, the need to modify existing component code in order to integrate the component with others. This abstraction can be viewed as changing a function call into a function to publish data to other components and a function to subscribe into published data from other components. A result of this implementation is a highly organized and documented internal component data. The data must be organized and documented in an XML schema format in order to use the wedge, thereby reducing support and maintenance costs.